Deep phylogeographic structure may indicate cryptic species within the Sparid genus Spondyliosoma

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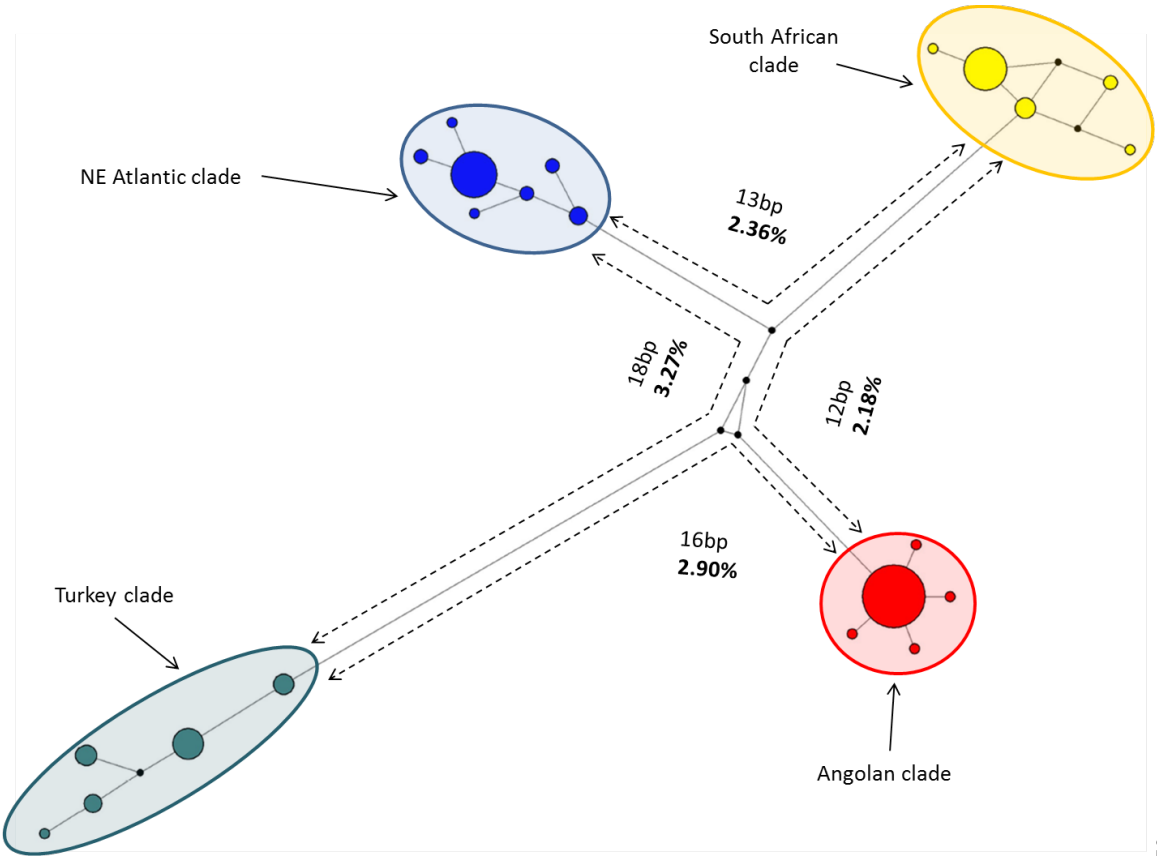
Supplementary Table 1: Overview of published loci tested for transferability in *Spondyliosoma* spp.

Locus	Target species	Reference	Forward primer	Reverse primers
DsaMS16	*Diplodus sargus*	Perez et al. (2008)	AGTCAAACCTCGGCATCAAGCGGGTA	ACGAGGAGCTCTGACTTCTGATTCGTT
DsaMS27	*Diplodus sargus*	Perez et al. (2008)	GCTCACTGTGCTGGCTCCACATCACC	GCGCTGTGCTTGCTGTCGGAGA
DsaMS34	*Diplodus sargus*	Perez et al. (2008)	AGATCAGATTTGCTGTGATAGCGTCCAAAG	ACTCCTGCAGCTCCTCCTGGGCTTC
DsaMS48	*Diplodus sargus*	Perez et al. (2008)	ACATCGCACACCCCCACAACC	TGCATGAACAACTTCCACACACAAGTCC
Dvul33	*Diplodus vulagris*	Roques et al (2007a)	GCCGGGCTCGACATTGACACTGAA	GCAGCCAGCAGAGCTTAAAGAACT
Dvul38	*Diplodus vulagris*	Roques et al (2007a)	TCGGGCACAGATAGAAAGAAACAC	GAAGGAAGACGGATCTCAGGATGA
Dvul4	*Diplodus vulagris*	Roques et al (2007a)	GCGGTTATGTATACGTTGCGTTTA	TTGGCGTTGAACAGAAGTCAGACA
Dvul61	*Diplodus vulagris*	Roques et al (2007a)	TGGGGACTCTCAGAATCATCACAA	TGGAAAAAGCCCTCTGGACAAAAG
Dvul84	*Diplodus vulagris*	Roques et al (2007a)	GCTCGACGTGCACTCTGCCCTTGA	ATTCCCCAAATCCAGCACTCACAT
LM12	*Lithognathus mormyrus*	Sala-Bozano et al (2009)	ACGGTATGGAGTCAACTGC	GAGTGTTTCTGACAGGATGAGAAC
LM19	*Lithognathus mormyrus*	Sala-Bozano et al (2009)	AAACACACCTTCCCTCTCCT	AGCTGCTCAAACAGGCTATGA
LM68	*Lithognathus mormyrus*	Sala-Bozano et al (2009)	CTTCAGGGGCGTTTCAGC	ACCAGGACAGGACCAGGTG
LM72	*Lithognathus mormyrus*	Sala-Bozano et al (2009)	ATTGCAGACATGTCAGATGC	TATGCTCTAATGGCAATGCTC
LM86	*Lithognathus mormyrus*	Sala-Bozano et al (2009)	ACTGCTGGCCTCTCTTTTGA	TGCCTCGTAATCCTCCACTT
Omel20	*Oblada melanura*	Roques et al. (2007b)	CAGGGTAGCAACAGGGTAACAATG	GGCGGTTGAGGACACTGCAAAAAA
Omel38	*Oblada melanura*	Roques et al. (2007b)	AGCCGGCTGAGCTCCATAATAACC	TGCCCTCTTGTCACACCAGGTCAC
Omel58	*Oblada melanura*	Roques et al. (2007b)	GGCATTATTGTTCCATCATTACTCC	ATGGCATACAACCTGCATCAGAAG
Omel61	*Oblada melanura*	Roques et al. (2007b)	CAGCGGGGGATTAATCTGCATTTG	GCCCGATTTATCTTCATCACCCAT



Supplementary Figure 1. Median-joining haplotype network for *Spondyliosoma spp* based on 550bp of mtDNA COI. Node sizes are proportional to the observed number of individuals bearing that haplotype, with the smallest nodes representing a single individual. Predicted missing (or extinct) haplotypes are represented by small black nodes. Defined clades are encircled.